TEXAS WATCH

ENVIRONMENTAL MONITORING FORM

Send to: **TEXAS WATCH**
WPA Div., MC-150
TNRCC
P.O. Box 13087
Austin, Texas 78711-3087
(512) 239-4720

PLEASE PRINT (Black Ink or #2 Pencil)

Calibration: (Calibrate within 24 hours of sampling.)   Date of Reagents _____

Calibration	Date	Time	Standard Value	Standard Temp.	Initial Meter Reading	Meter Adjusted To
Conductivity (or total dissolved solids)						
pH (7.0)			7.0			
pH (Check) 10.0 or 4.0						

Location
Description: _____   Monitor Name: (print) _____

VOLUNTEER GROUP   STATION-ID   M M D D Y Y SAMPLE DATE   H H M M SAMPLE TIME (military time)   SAMPLE DEPTH (not total depth) (in meters)

FIELD MEASUREMENTS

AIR TEMPERATURE (°C only) ☐ 00020

DISSOLVED OXYGEN (mg/l) ☐ 00300
1st titration _____ 2nd titration _____ Average _____

WATER TEMPERATURE (°C only) ☐ 00010

CONDUCTIVITY (µS or µmhos/cm) ☐ 00094

pH (standard units) ☐ 00400

SECCHI DISK (meters) ☐ 00078

SALINITY (parts per thousand) ☐ 00480
(Corrected; see table below)

(Mar, Jun, Sep, Dec) QUALITY ASSURANCE DUPLICATES
_____
_____
_____
_____
_____

SALINITY CORRECTION

1.0 ___ ___ ___ = initial reading
− .0 0 1 0 Water temp. = ☐ °C
1.0 ___ ___ ___
(+ or −) ___ ___ correction factor Table 210:I
1.0 ___ ___ ___ = corrected density, find salinity in Table 210:II

TOTAL DEPTH (meters) ☐ 82903
of water body at sample site

WATER COLOR ☐ 89969
1 = Brown   4 = Black
2 = Reddish   5 = Clear
3 = Green   6 = Other (write in Comments)

WATER ODOR ☐ 89971
1 = Sewage   5 = Fishy
2 = Oily/Chemical   6 = None
3 = Rotten eggs   7 = Other (write in Comments)
4 = Musky

WATER SURFACE ☐ 89968
1 = Calm   3 = Waves
2 = Ripples   4 = White Caps

WATER LEVEL ☐ 01351
1 = No flow   4 = High
2 = Low   5 = Flood
3 = Normal

TIDE STAGE ☐ 89972
1 = Low   4 = Rising
2 = Falling   5 = High
3 = Slack

WIND INTENSITY ☐ 89965
1 = Calm   3 = Moderate
2 = Slight   4 = Strong

WIND DIRECTION ☐ 89010
1 = North   3 = East
2 = South   4 = West

PRESENT WEATHER ☐ 89966
1 = Clear   3 = Overcast
2 = Cloudy   4 = Rain

RAINFALL ACCUMULATION ☐ 82554
in past 7 days (cm)

DAYS SINCE LAST SIGNIFICANT PRECIPITATION ☐ 72053
Example: If last rain was one and a half days ago, write 1.5 as value.

TIME SPENT SAMPLING (minutes) ☐ 89974

MILES TRAVELED TO SAMPLE SITE ☐ 89973

MEASUREMENT COMMENTS AND FIELD OBSERVATIONS: _____

_____

_____

_____   _____   _____   _____
CERTIFIED MONITOR'S SIGNATURE   DATE   DATA MANAGER'S SIGNATURE   DATE